COOLER MASTER®
Expand Your Imagination

500W/550W eXtreme Power

www.coolermaster.com

RP-500-PCAP / RP-550-PCAP

Features

- Compliance with the newest Intel standard ATX 12V V 2.01
- Super silent operation with intelligent fan speed control
- Support dual +12V$_1$ and+12V$_2$ outputs for higher power usage
- Green power design to meet energy star and blue angel requirements
- More than 70% efficiency at typical load operation
- Higher reliability (MTBF > 100,000 hours)
- OVP / OPP / Short Circuit Protection

Compliant 2002/95/EC RoHS

SERIAL ATA SATA | 2X DOUBLE REALIABILITY | SUPER SILENT | INTELLIGENT FAN CONTROLLER | PCI EXPRESS

Specifications

Model	RP-500-PCAP / RP-550-PCAP (Passive PFC)
Type	ATX Form Factor 12V V2.01
Input Voltage	198 ~ 253 V
Input Current	6.3A @ 230Vac
Input Frequency Range	47 ~ 63 Hz
Fan	Sleeve bearing 120mm fan
Power Good Signal	100 ~ 500 ms
Hold Up Time	> 17 ms
Efficiency	> 70% typically
MTBF	>100,000 hrs
Protection	OVP / OPP / Short Circuit Protection
Dimension	Standard ATX PS2 150 x 140 x 86 (mm)
Operation Temperature	5~50℃ (Nominal Input Voltage)
Safety	Nemko / TUV / cUL / CE / FCC / CCC

Connector Solutions

20+4 pin x 1 Motherboard Connector

4 pin x 1 CPU+12V Connector

6 pin x1 PCI-e Connectors

S-ATA x 3 S-ATA Connectors

4 pin x 6 Peripheral Connectors

4 pin x 2 Floppy Connectors

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Output Specifications

RP-500-PCAP

AC INPUT	230V / 6.3A 60 / 50Hz						
DC OUTPUT	+3.3V	+5V	+12V$_1$	+12V$_2$	-5V	-12V	+5Vsb
MAX. POWER	20A	20A	16A	16A	0.8A	0.8A	2.0A

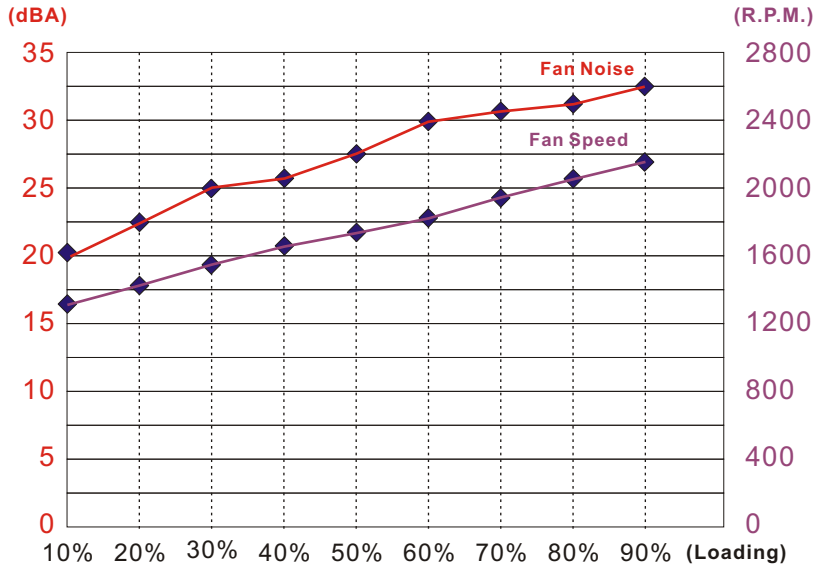
RP-550-PCAP

AC INPUT	230V / 6.3A 60 / 50Hz						
DC OUTPUT	+3.3V	+5V	+12V$_1$	+12V$_2$	-5V	-12V	+5Vsb
MAX. POWER	25A	25A	16A	16A	0.8A	0.8A	2.0A

More Image

- Honey combo structure increase airflow for better heat dissipation

- 120mm fan makes superb heat dissipation



Intelligent Fan speed Controller

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